

ST-HDC32

32 Channel H.265 Digital Video Recorder



This DVR is designed to provide the ability to quickly and easily play and store digital CCTV recording footage. With 32 channels, this is a great fit for office spaces, warehouses, and public spaces where a variety of cameras need to be monitored. Featuring H.265(+) and recording at up to 8 MP, clear and usable footage is stored for your convenience. A rugged physical design, and RAID storage capabilities ensure that the footage will be protected and available.

Appearance Design

- Guaranteed low noise output and environmental protection from durable chassis design
- Convenient and easy to use front DVD-R/W slot with bracket for simple installation and maintenance

Video Input and Transmission

- Self-adaptive HDTV/HD/SD/TV/AV signal input
- Supports up to 8 MP IP camera inputs
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- H.265+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream
- H.265/H.264 for the sub-stream of analog cameras
- Supports H.265+/H.265/H.264+/H.264 IP cameras
- Reduces data storage and improves encoding using H.265+
- IP camera recording at up to 8 MP resolution
- Supports POS-triggered recording and POS information overlay

Video Output

- Simultaneous HDMI1 and VGA output at up to 1920 × 1080 resolution, and independent HDMI 2 output at up to 4K (3840 × 2160) resolution
- Separate CVBS output

Storage and Playback

- Four SATA interfaces (up to 8 TB capacity per HDD) and one eSATA interface
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme with hotswappable HDDs
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports playback by main stream, or sub-stream for IP cameras
- Supports third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Multiple Video Content Analytics (VAC) event are supported for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels and sudden scene change detection of 2-ch analog cameras
- Supports people counting and heat map functions for 1-ch analog camera

Network & Ethernet Access

- Two RJ45 10M/100M/1000M Ethernet network interfaces
- Output bandwidth limit configurable

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Dimensions and Specifications

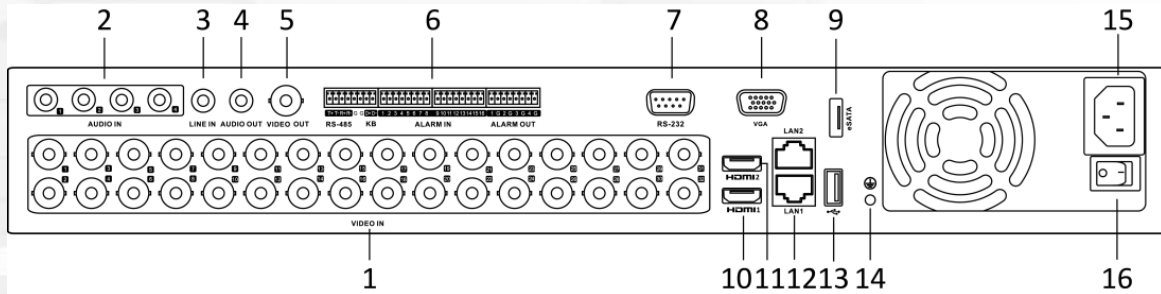


Diagram Reference

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|---|-------------------------|---|---|----|----------------------------------|----|----------------------------|
| 1 | VIDEO IN | 5 | VIDEO OUT | 9 | eSATA Interface | 13 | USB Interface |
| 2 | AUDIO IN, RCA Connector | 6 | RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT | 10 | HDMI1 Interface | 14 | GND |
| 3 | LINE IN | 7 | RS-232 Serial Interface | 11 | HDMI2 Interface | 15 | 100 to 240 VAC Power Input |
| 4 | AUDIO OUT | 8 | VGA Interface | 12 | LAN1 and LAN2 Network Interfaces | 16 | Power Switch |

Video/Audio Input

| | |
|---------------------------|--|
| Video compression | H.265+/H.265/H.265/H.264+/H.264 |
| Analog video input | 32-channel BNC interface (1.0 Vp-p, 75 Ω), supporting UTC / CoC |
| HDTVI input | 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 |
| AHD input | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30 |
| HDCVI input | 1080p25, 1080p30, 720p25, 720p30 |
| CVBS input | PAL/NTSC |
| IP video input | 8-ch (up to 40-ch) Up to 8 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras |
| Audio compression | G.711u |
| Audio input | 4-ch, RCA (2.0 Vp-p, 1 KΩ) |

External Interface

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|----------------------------|---|
| Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent) |
| Network interface | 2, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| USB interface | Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0 |
| Serial interface | RS-232, RS-485 (full-duplex), Keyboard |
| Alarm in/out | 16/4 |

Network Management

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|---------------------------|---|
| Remote connections | 128 |
| Network protocols | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |

Hard Disk

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|-----------------|-----------------------------------|
| SATA | 4 SATA interfaces |
| eSATA | Support |
| Capacity | Up to 8 TB capacity for each disk |

Video/Audio Output

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|-----------------------------|--|
| CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 |
| HDMI1/VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| HDMI2 output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| Encoding resolution | 5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF |
| Frame rate | Main stream: 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N) |
| Video bit rate | 32 Kbps to 10 Mbps |
| Audio output | 1-ch, RCA (Linear, 1 KΩ) |
| Audio bit rate | 64 Kbps |
| Dual stream | Support |
| Stream type | Video, Video & Audio |
| Synchronous playback | 16-ch |

General

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|----------------------------------|--|
| Power supply | 100 to 240 VAC |
| Consumption (without HDD) | ≤ 74 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) |
| Working humidity | 10% to 90% |
| Dimensions (W × D × H) | 440 × 390 × 70 mm (17.3 × 15.4 × 2.8 inch) |
| Weight (without HDD) | ≤ 7 kg (15.4 lb) |